



JP12 Rec'd PCT/PTO 31 AUG 2007

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re U.S. Patent Application of)

SUGAHARA et al.)

Art Unit 2815

Application Number: 10/522,241)

Filed: October 5, 2005)

For: A SPIN TRANSISTOR BASED ON THE SPIN-
FILTER EFFECT AND A NONVOLATILE MEMORY
USING SPIN TRANSISTORS)

ATTORNEY DOCKET NO. HIRA.0178)

Honorable Assistant Commissioner
for Patents
Washington, D.C. 20231

COVER LETTER

Sir:

[x] The fee for submission of claims is calculated as shown below:

FOR	TOTAL WITH NEW CLAIMS ADDED	TOTAL CURRENTLY ON FILE	CLAIMS ALREADY PAID	RATE	CALCULATION
Total Claims	80	70	50 (Over 20)	x \$50	500.00
Independent Claims	11	10	18 (Over 3)	x \$200	0
MULTIPLE DEPENDENT CLAIM(S)				+ \$360	0
REDUCTION FOR FILING BY SMALL ENTITY (note 37 C.F.R. §§ 1.9, 1.27, 1.28). IF APPLICABLE, VERIFIED STATEMENT MUST BE ATTACHED				x 1/2	
500.00 00			TOTAL		0.00

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In addition, the below-identified communications are submitted in the above-captioned application or proceeding:

- [x] Response to Office Action
(with Claim Amendments)
- [] Substitute Specification
- [] Assignment
- [x] Letter to Draftsperson
(with 6 Replacement Sheets)

- [] Substitute Specification (clean and
marked-up version)
- [] Statements & Pre-exam search report
with References
- [] Information Disclosure Statement with
references

- [] Please charge my **Deposit Account Number** _____ in the amount of _____ to cover the fees for _____. A duplicate copy of this paper is enclosed.
- [x] A check in the amount of **\$500.00** to cover the Excess Claims fee is enclosed.
- [x] The Commissioner is hereby authorized to charge any additional fees associated with this communication, or credit any overpayment to **Deposit Account Number 08-1480**.

Respectfully submitted,

Stanley P. Fisher
Registration Number 24,344


Juan Carlos A. Marquez
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3110 Fairview Park Drive
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August 31, 2007



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ATTORNEY DOCKET NO. HIRA.0178

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Unit 2815

Examiner
Valentine, Jami M.

LETTER TO DRAFTSPERSON

Sir:

Pl Please replace Figs. 4(B), 7-15 and 16(B) currently on file with the substitute Figs. 4(B), 7-15 and 16(B) enclosed herewith. Kindly direct any inquiries in connection with this matter to the undersigned at the below-listed address and telephone number.

Respectfully submitted,

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SPF/JCM/YOM